

REST AVAILABLE COPY

WO 2005/002613

PCT/GB2004/002909

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DESIGNATION	AMINO ACID SEQUENCE	GPIIIa LOCATION
SEQ ID No: 1	VSPMCWCSDALPL	19-33
SEQ ID No: 2	SPMCWCSDALPLG	20-34
SEQ ID No: 3	PMWCWCSDALPLGS	21-35
SEQ ID No: 4	MWCWCSDALPLGSP	22-36
SEQ ID No: 5	CWCSDALPLGSPR	23-37
SEQ ID No: 6	WCSDALPLGSPRC	24-38
SEQ ID No: 7	WCSDALPLGSPRC	25-39
SEQ ID No: 8	CSDALPLGSPRC	26-40
SEQ ID No: 9	SDEALPLGSPRC	27-41
SEQ ID No: 10	DEALPLGSPRC	28-42
SEQ ID No: 11	EALPLGSPRC	29-43
SEQ ID No: 12	ALPLGSPRC	30-44
SEQ ID No: 13	LPLGSPRC	31-45
SEQ ID No: 14	PLGSPRC	32-46
SEQ ID No: 15	LGSRPC	33-47
SEQ ID No: 16	VSPMCWCSDALPP	19-33
SEQ ID No: 17	SPMCWCSDALPPG	20-34
SEQ ID No: 18	PMWCWCSDALPPGS	21-35
SEQ ID No: 19	MWCWCSDALPPGSP	22-36
SEQ ID No: 20	CWCSDALPPGSPR	23-37
SEQ ID No: 21	WCSDALPPGSPRC	24-38
SEQ ID No: 22	WCSDALPPGSPRC	25-39
SEQ ID No: 23	CSDALPPGSPRC	26-40
SEQ ID No: 24	SDEALPPGSPRC	27-41
SEQ ID No: 25	DEALPPGSPRC	28-42
SEQ ID No: 26	EALPPGSPRC	29-43
SEQ ID No: 27	ALPPGSPRC	30-44
SEQ ID No: 28	LPPGSPRC	31-45
SEQ ID No: 29	PPGSPRC	32-46
SEQ ID No: 30	PGSPRC	33-47

Figure 1

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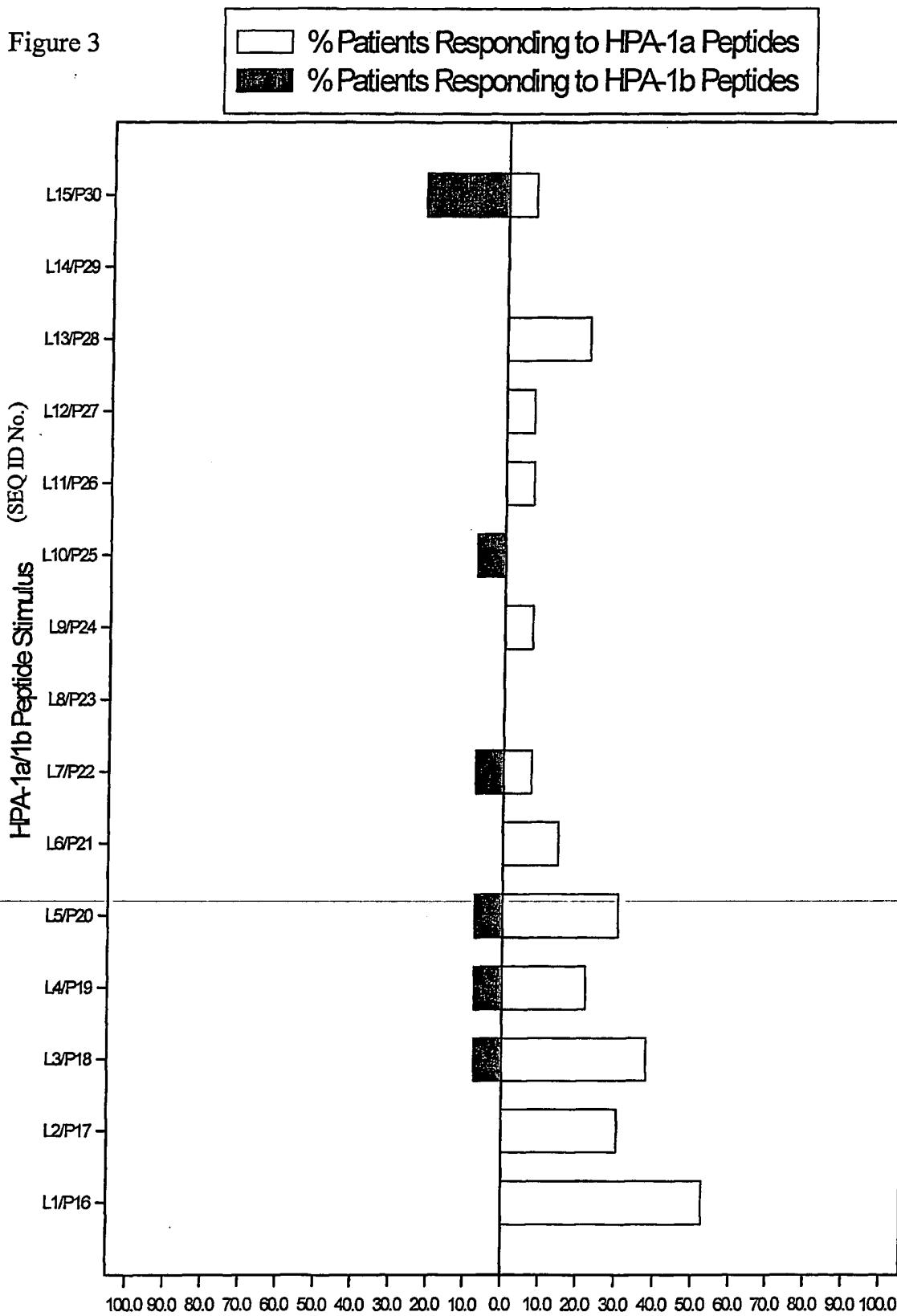
HPA-1b1b Ab Pos Mothers			Age	anti-HPA-1a Antibodies *	Stimulatory Peptides (SI>3)
	Ab Status	Baby Pit type			
NAIT-T31	40	POS	HPA-1a1b	SEQ ID Nos. 1, and 13	
NAIT-T32	41	POS	HPA-1a1b	SEQ ID Nos. 1, 3, 5, 6, 12, and 13	
NAIT-T33	33	POS	HPA-1a1b	SEQ ID Nos. 1, 2, 3, 4, and 7	
NAIT-T34	35	POS	HPA-1a1b	0	
NAIT-T35	42	POS	HPA-1a1b	SEQ ID Nos. 1, 2, and 5	
NAIT-T36	30	POS	HPA-1a1b	SEQ ID No. 3	
NAIT-T37	33	POS	HPA-1a1b	SEQ ID Nos. 1, 3, 4, 5, 6, 9, 11, 12, 19, 20, 22, and 25	
NAIT-T39	39	POS	HPA-1a1b	0	
NAIT-T40	28	POS	HPA-1a1b	SEQ ID Nos. 1, 2, 3, 13, 15, and 18	
NAIT-T42	33	POS	HPA-1a1b	SEQ ID Nos. 1, and 4	
NAIT-T65	37	Neg **	HPA-1a1b	0	
VM2031	45	POS	HPA-1a1b	SEQ ID No. 5	
SH2059	40	POS	HPA-1a1b	0	
KK2098	35	Neg **	HPA-1a1b	0	
HPA-1b1b Ab Neg Mothers			Ab Status	Baby Pit type	Stimulatory Peptides (SI>3)
NAIT-T61	36	Neg	HPA-1a1b	None	
NAIT-T62	21	Neg	HPA-1a1b	None	
NAIT-T63	36	Neg	HPA-1a1b	None	
NAIT-T66	34	Neg	HPA-1a1b	SEQ ID Nos. 12, 13, and 16	
NAIT-T38	35	Neg	HPA-1a1b	None	
NAIT-T41	34	Neg	HPA-1a1b	SEQ ID Nos. 12 and 20	
NAIT-T64	28	Neg	HPA-1a1b	None	

* at the time of testing
** positive during pregnancy

Figure 2

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Figure 3



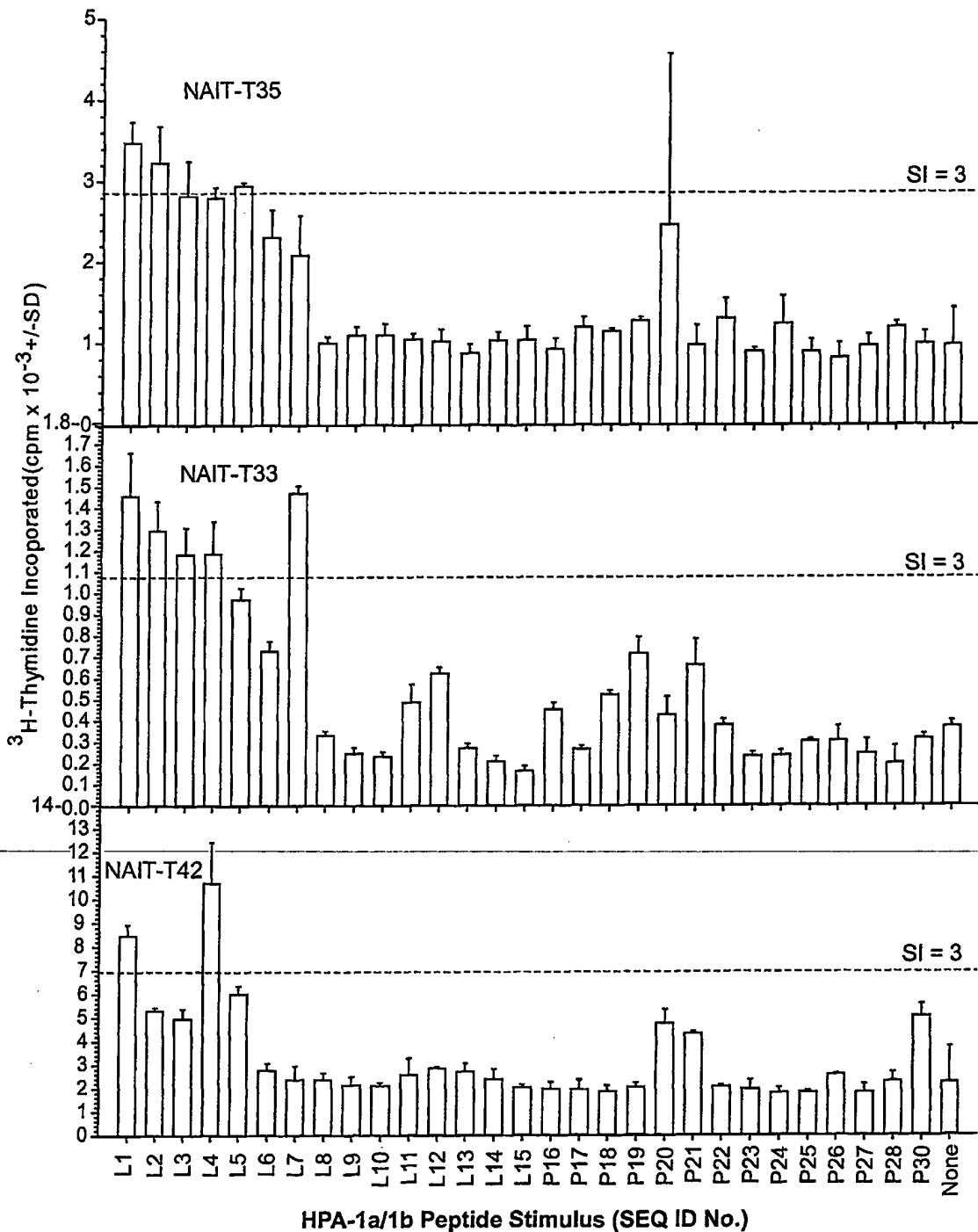
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Control Subjects	Age	HPA-1 Genotype Donor Pit type	anti-HPA-1a Ab Status	Stimulatory Peptides (SI>3)
HPA-1b1b Ab Neg Male Donor	49		Neg	None
NAIT-T67				
HPA-1a Female Control Donors				
C31	42	HPA-1a1a	Neg	None
C32	36	HPA-1a1a	NT	None
C33	48	HPA-1a1a	NT	None
C34	38	HPA-1a1a	Neg	None
C35	47	HPA-1a1a	Neg	None
C36	48	HPA-1a1b	NT	None
C37	37	HPA-1a1b	Neg	None
C38	32	HPA-1a1b	NT	None
C39	56	HPA-1a1b	NT	None
C40	33	HPA-1a1a	Neg	None
C41	28	HPA-1a1b	NT	None

Figure 4

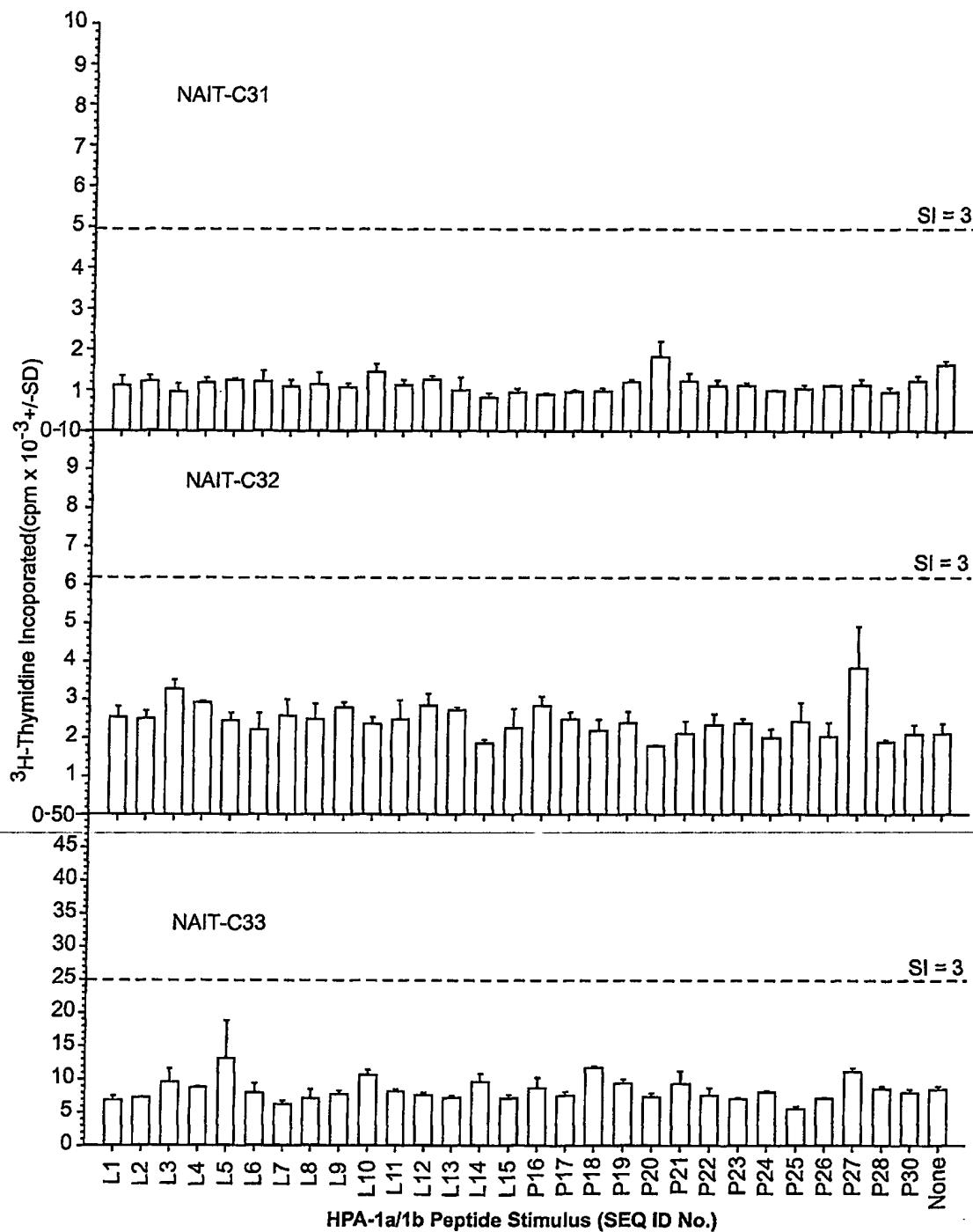
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Figure 5



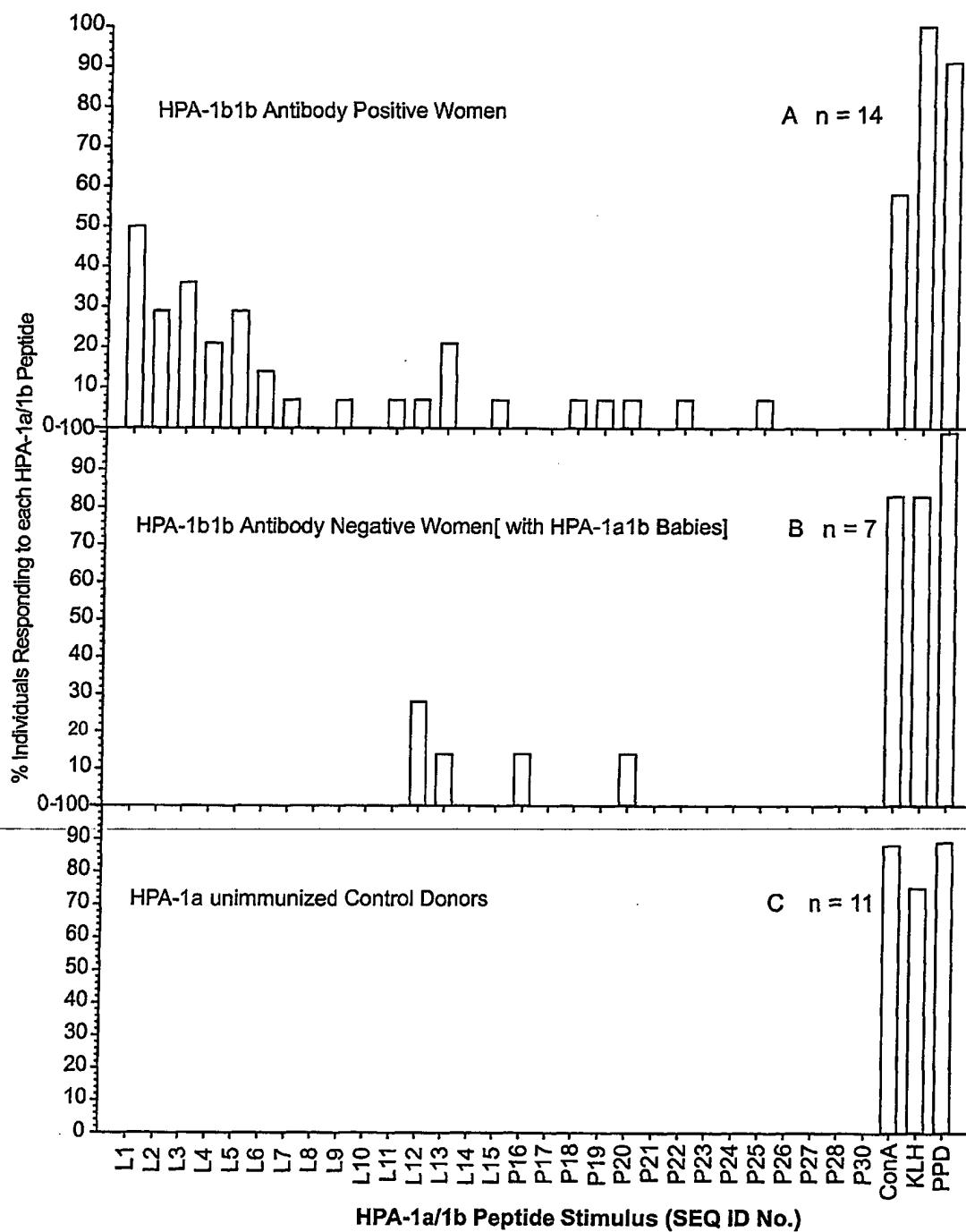
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Figure 6



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Figure 7



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(F2)[A] CD71 UNSTIMULATED NAIT-T40 00054586 259.LMD : FL1 LOG/FL2 LOG

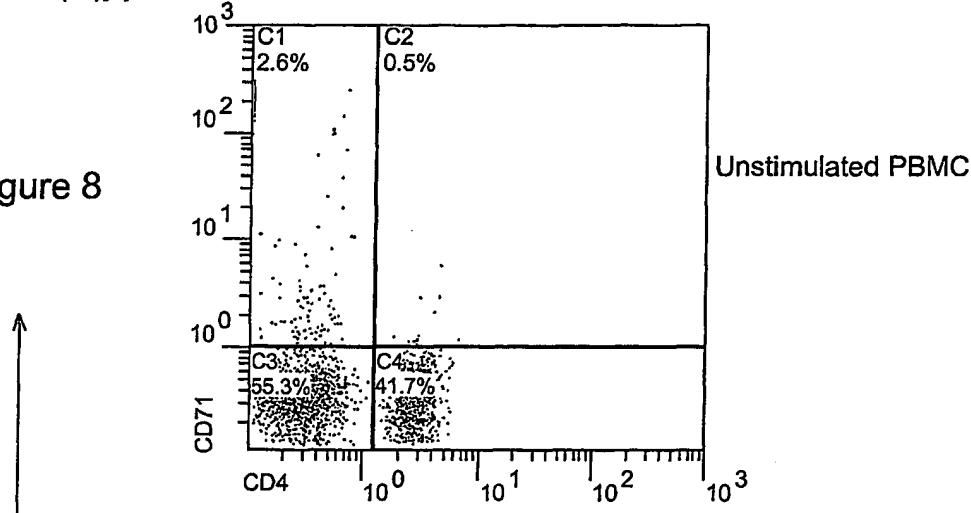
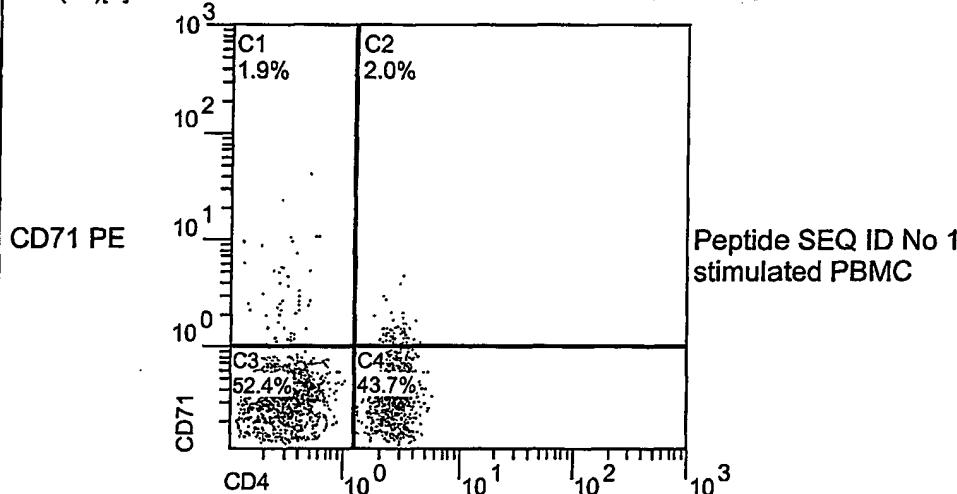


Figure 8

(F2)[A] CD71 L1 NAIT-T40 00054587 260.LMD : FL1 LOG/FL2 LOG



(F2)[A]-CD71-L1-NAIT-T40-00054588 261.LMD : FL1 LOG/FL2 LOG

